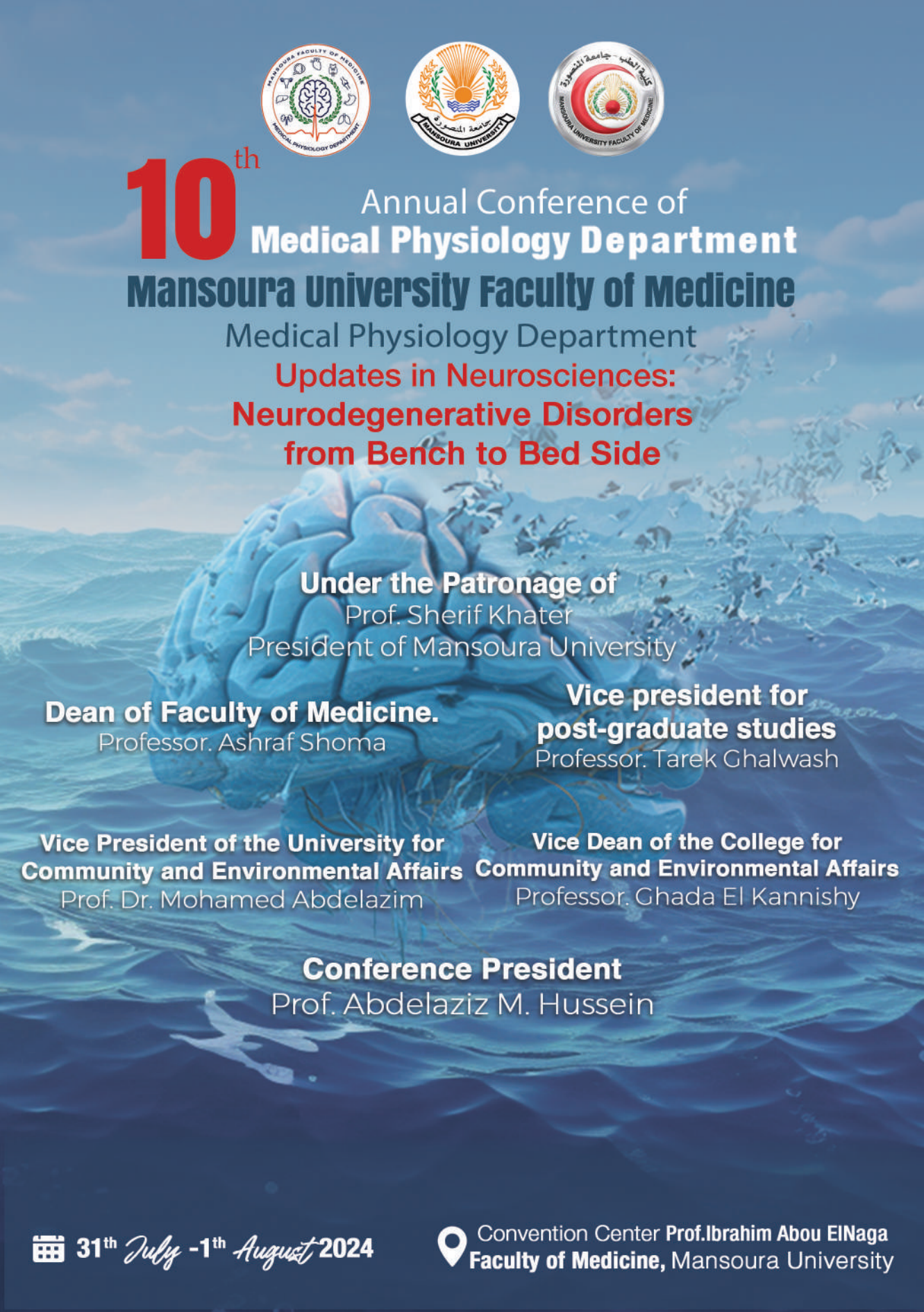


10th Annual Conference of Medical Physiology Department

Mansoura University Faculty of Medicine

Medical Physiology Department

Updates in Neurosciences: Neurodegenerative Disorders from Bench to Bed Side

Under the Patronage of
Prof. Sherif Khater
President of Mansoura University

Dean of Faculty of Medicine.
Professor. Ashraf Shoma

Vice president for post-graduate studies
Professor. Tarek Ghalwash

Vice President of the University for Community and Environmental Affairs
Prof. Dr. Mohamed Abdelazim

Vice Dean of the College for Community and Environmental Affairs
Professor. Ghada El Kannishy

Conference President
Prof. Abdelaziz M. Hussein

31th July -1th August 2024

Convention Center **Prof.Ibrahim Abou ElNaga**
Faculty of Medicine, Mansoura University

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Wednesday (Day One)	July, 31, 2024
8.30 - 9.30 AM	**Registration**
9.30 – 10.00 AM	**Opening ceremony**
10.00 – 12.00 PM	**Plenary session 1** **Chairpersons:** Prof. **Salwa Tobar** — Prof. **Wafaa Bahey** Prof. **Randa Mostafa** — Prof. **Sabry Gad**
10.00 – 10.25 AM	**New Updates in Neurodegenerative Disorders** Prof. Dr. **Abdelaziz M. Hussein, MD, PhD** (Mansoura, Egypt)
10.25 – 10.50 AM	**Behavioral Disturbances of Neurodegenerative disorders** Prof. Dr. **Mohamed Ezzat El-Hadidy (MD)** (Mansoura, Egypt)
10.50 – 11.15 AM	**Neuroexposome: integrating external exposure and internal response tounderstand neurodegeneration** Prof. Dr. **Mohamed Salama (MD, PhD)** (AUC, Egypt)
11.15 – 11.40 AM	**Neuromodulation from Neuron to Network** Prof. Dr. **Yasmine El Ashram (MD, PhD)** (Alexandria, Egypt)
11.40 – 12.10 PM	**RWD Talk** (RWD Tools and Equipments in Animal Research)
12.10 _ 12.30 PM	**Coffee break**
12.30 – 13.30 PM	**Online Session** **Chairpersons:** Prof. **Hanaa Elserougy** — Prof. **Elsaid Abdelhady** Prof. **Wafaa Bahaey** — Prof. **Sobhy Kafafy**
12.30 – 13.00 PM	**Better understanding immune processes in the brain paves the way for improved therapy of Alzheimer's dementia** Prof. Dr. **Michael Bacher, PhD** (University of Marburg, Germany)
13.00 – 13.30 PM	**Neuroinflammation in neurodegenerative diseases: Friend or Foe** Dr. **Sara Elfarrash** (Mansoura, USA)
13.30 _ 14.00 PM	**Placental and Wharton Jelly Mesenchymal Stem Cells and their extracellular vesicles, new hope of managing the aging process through modulation of telomere length** Dr. **Sherif A. Ibrahim** (Michigan State University, USA)

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Wednesday (Day One)	July, 31, 2024
13.30 – 14.30	**Oral Session 1** **Chairpersons:** Prof. **Atef Mansour** — Prof. **Ahmed Agamy** Prof. **Hanan Mobaark** — Prof. **Abeer Showman**
14.0- 14.20 PM	**O1: Could Deep Brain Stimulation of Lateral Hypothalamus with High Frequent Currents Rescue the Memory Decline in Aged Rat? Molecular and Electrophysiological Study** Dr. **Walaa Obydah** (Mansoura, Egypt)
14.20– 14.40 PM	**O2: Possible protective effect of vitamin D on age related cognitive impairment and synaptic dysplasticity in rats** Dr. **Wessam Abouhammad** (Benha, Egypt)
14.40– 15.00 PM	**O3: Celastrol and thymoquinone alleviate aluminum chloride-induced neurotoxicity: Behavioral psychomotor performance, neurotransmitter level, oxidative-inflammatory markers, and BDNF expression in rat brain** Dr. **Dalia Ibrahim** (Suez Canal, Egypt)
15.10 – 15.30 PM	**Lunch**
15.30 -17.00 PM	**RWD Workshop In Laser Speckle Imaging System and Fiber Photometry**

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Thursday (day two)	August,1st, 2024
9.30 – 11.00 AM	**Plenary Session 2** **Chairpersons:** Prof. **Ibrahim Elmenshawi** — Prof. **Nehal Baghat** Prof. **Amr Medhat** — Prof. **Abdelaziz M. Hussein**
9.30 – 10.00 AM	**Neuromuscular Ultrasound as a Novel Tool in ALS** Dr. **Aya Zahran** (Mansoura, Egypt
10.00 – 10.30 AM	**Drug Discovery in ALS: Current Challenges and Future opportunities** Prof. Dr. **Mohamed Elmansy** (Northwestern University, USA)
10.30 – 11.00 AM	**Drug Repositioning and Repurposing for Alzheimer's Disease** Prof. Dr. **Nesrine Salah El Dine** (Cairo, Egypt)
11.00 – 11.30 AM	**Coffee break**
11.30 – 13.00 PM	**Plenary Session 3** **Chairpersons:** Prof. **Abdelrahman Fahmi** — Prof. **Akmal Diab** Prof. **Shereen Samir** — Prof. **Rifka Khalil**
11.30 – 11.50 AM	**State of Art in Management of Fibromyalgia** Prof.Dr. **Mohamed Younis Makharita** Professor of pain medicine and intervention pain Therapy Mansoura University Egypt
11.50 – 12.10 PM	**Auditory Evoked Potentials in Patients with Multiple Sclerosis** Prof. Dr. **Mohamed M. Abdeltawwab** (Mansoura, Egypt)
12.10 – 12.30 PM	**Intraoperative neurophysiological monitoring is integral tool or just documentation** Prof. Dr. **Mohamed Kassem** (Mansoura, Egypt)
12.30 – 12.50 PM	**Intraoperative Neurophysiological Monitoring in Spine Deformity** Dr. **Abdallah Aboelkhair** (Armed Forces Faculty of Medicine, Egypt)

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Thursday (day two)	August,1st, 2024
13.00 – 14.40	**Oral Session 2** **Chairpersons:** Prof. **Shereen Elarabi** — Prof. **Maher Nagib** Prof. **Hani Borg** — Prof. **Halaa Elmarswafy**
13.20 – 13.40 PM	**O4: The Role of Antipsychotics in Treating Dementia and Neurodegenerative Diseases: Insights from Lumateperone and the Protective Potential of Quercetin Co-administration** Prof. Dr. **Suzy Fayez** (New Mansoura, Egypt)
13.40 – 14.00 PM	**O5: New Insight into the Possible Roles of L-Carnitine in a Rat Model of Multiple Sclerosis** Dr. **Mahmoud Eltohamy** (Mansoura, Egypt)
14.00 – 14.20 PM	**O6: Effect of New Antidiabetics on Steatosis in of Nerve Tissues and Nerve Conduction Velocity: Possible Role of NGF/Synaptophysin and Nrf2/HO-1 Pathways** Dr. **Youmna Yehia** (Mansoura, Egypt)
14.20 – 14.40 PM	**O7: Association of Glutamine Synthetase Polymorphism rs2296521, s10911021 and rs12136955 with Plasma Ammonia Concentration in Valproic Acid-Treated Egyptian Epilepsy Patients** Dr. **Ghada Helal** (Mansoura, Egypt)
14.40 – 15.00 PM	**Closing Ceremony and Conference Recommendations**
15.00 – 15.30 PM	**Lunch**

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Time	Workshops	Place	Day
9.00 AM – 12.00 PM	NCV study in intact rats	Physiology Department Dr. Refat Elnahas Hall	Tuesday July 30th 2024 For students
13.00 PM – 16.00 PM	Neurobehavioral Assessment in Neurosciences	Physiology Department Dr. Refat Elnahas Hall	Tuesday July 30th 2024 For students
15.00 PM – 16.00 PM	Laser Speckle Imaging System	Physiology Department (Lab A)	Wednesday July, 31th 2024 For Staff RWD workshop
15.00 PM – 17.00 PM	Fiber Photometry	Physiology Department (Lab A)	Wednesday July, 31th 2024 For Staff RWD workshop
09.00 AM – 12.30 PM	NCV study in intact rats	Physiology Department Dr. Refat Elnahas Hall	Friday August 1st 2024 For Staff
01.30 PM – 17.00 PM	Neurobehavioral Assessment in Neurosciences	Physiology Department Dr. Refat Elnahas Hall	Friday August 1st 2024 For Staff

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